

Application No. NY-COLB 202.1-Cont-US
(AMS-3100-B-1)

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier.

In the Claims:

Please amend the claims as follows:

1-166. (Previously canceled)

167-242. (Canceled)

243. (Original) A method comprising:

implanting at least one electrode in a patient in contact with a pelvic muscle of the patient;

driving the at least one electrode to apply an electrical waveform to the muscle; and

providing for the waveform a range of pulse width durations that includes 2 ms.

244. (Original) The method according to claim 243, wherein providing the range of pulse width durations comprises setting the range of pulse width durations to be selectable from 0.1 ms to 2 ms.

245. (Original) The method according to claim 243, wherein implanting the at least one electrode comprises implanting the at least one electrode in the pelvic muscle.

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246. (Original) The method according to claim 243, wherein driving the at least one electrode comprises configuring the waveform to treat urinary incontinence of the patient.

247. (Original) The method according to claim 246, wherein the urinary incontinence includes urinary urge incontinence, and driving the at least one electrode comprises configuring the waveform to treat the urinary urge incontinence.

248. (Original) The method according to claim 246, wherein the urinary incontinence includes stress incontinence, and wherein driving the at least one electrode comprises configuring the waveform to treat the stress incontinence.

249. (Original) A method comprising:

implanting at least one electrode in a patient in contact with a pelvic muscle of the patient; and

driving the at least one electrode to apply a biphasic electrical waveform to the muscle.

250. (Original) The method according to claims 249, wherein implanting the at least one electrode comprises implanting the at least one electrode in the pelvic muscle.

251. (Original) The method according to claim 249, wherein driving the at least one electrode comprises configuring the waveform to treat urinary incontinence of the patient.

252. (Original) The method according to claim 251, wherein the urinary incontinence includes urinary urge incontinence, and driving the at least one electrode comprises configuring the waveform to treat the urinary urge incontinence.

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253. (Original) The method according to claim 251, wherein the urinary incontinence includes stress incontinence, and wherein driving the at least one electrode comprises configuring the waveform to treat the stress incontinence.

254. (Original) A method comprising:
implanting at least one electrode in a patient in a pelvic muscle of the patient selected from the list consisting of a levator ani muscle, and a urethral sphincter muscle; and

driving the at least one electrode to apply an electrical waveform to the muscle.

255. (Original) The method according to claim 254, wherein the pelvic muscle includes the levator ani muscle, and wherein implanting the at least one electrode comprises implanting the at least one electrode in the levator ani muscle.

256. (Original) The method according to claim 254, wherein the pelvic muscle includes the urethral sphincter muscle, and wherein implanting the at least one electrode comprises implanting the at least one electrode in the urethral sphincter muscle.

257. (Original) The method according to claim 254, wherein driving the at least one electrode comprises configuring the waveform to treat urinary incontinence of the patient.

258. (Original) The method according to claim 257, wherein the urinary incontinence includes urinary urge incontinence, and driving the at least one electrode comprises configuring the waveform to treat the urinary incontinence.

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259. (Original) The method according to claim 257, wherein the urinary incontinence includes urinary stress incontinence, and wherein driving the at least one electrode comprises configuring the waveform to treat the stress incontinence.

260. (Original) A method comprising:

implanting at least one electrode in a patient in contact with a pelvic muscle of the patient;

driving the at least one electrode to apply an electrical waveform to the muscle, and

terminating application of the waveform after a predetermined period of time.

261. (Original) The method according to claim 260, wherein the predetermined period of time is about 5 seconds.

262. (Original) The method according to claim 260, wherein driving the at least one electrode comprises driving the at least one electrode to reapply the waveform after termination of the application of the waveform.

263. (Original) The method according to claim 260, wherein implanting the at least one electrode comprises implanting the at least one electrode in the pelvic muscle.

264. (Original) The method according to claim 260, wherein driving the at least one electrode comprises providing for the waveform, a range of pulse width durations that includes 2 ms.

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265. (Original) The method according to claim 264, wherein providing the range of pulse width durations comprises setting the range of pulse width durations to be selectable from 0.1 ms to 2 ms.

266. (Original) The method according to claim 260, wherein driving the at least one electrode comprises configuring the waveform to treat urinary incontinence of the patient.

267. (Original) The method according to claim 266, wherein the urinary incontinence includes urinary urge incontinence, and driving the at least one electrode comprises configuring the waveform to treat the urinary urge incontinence.

268. (Original) The method according to claim 266, wherein the urinary incontinence includes urinary stress incontinence, and wherein driving the at least one electrode comprises configuring the waveform to treat the stress incontinence.

269. (Original) A method comprising:

implanting at least one electrode in a patient in a pelvic muscle of the patient; and

driving the at least one electrode to apply an electrical waveform to the muscle configured to treat a bladder condition caused by damage to nerve pathways from a brain to a bladder.

270. (Original) The method according to claims 269, wherein the bladder condition includes urge incontinence.

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271. (Original) The method according to claim 269, wherein driving the at least one electrode comprises providing for the waveform a range of pulse width durations that includes 2 ms.

272. (Original) The method according to claim 271, wherein providing the range of pulse width durations comprises setting the range of pulse width durations to be selectable from 0.1 ms to 2 ms.

273. (Original) A method comprising:

implanting at least one elongated electrode structure in general alignment with a urethra of a patient, in contact with a pelvic muscle of the patient; and

driving the at least one electrode to apply an electrical waveform to the muscle.

274. (Original) The method according to claim 273, wherein implanting the at least one electrode comprises implanting the at least one electrode in the pelvic muscle.